

# Delta Plan Performance Measures Stakeholder Workshop

March 9, 2016  
Sacramento, Calif.



# Today's Workshop

- Delta Plan Performance Measures Overview
- Workshop Process Overview
- Group Discussion on Delta Plan Chapters 4, 5 and 6

[Break]

- Group Discussion on Delta Plan Chapters 3 and 7
- Next Steps and Final Comments

Questions and comment can be submitted during the webcast at **[mb.boardhost.com/DeltaPM](https://mb.boardhost.com/DeltaPM)**

An aerial photograph of a coastal wetland area. A large body of water, possibly a bay or lagoon, is visible. A narrow channel or inlet runs through the water, separating a large, green, forested island in the foreground from the rest of the land. The island is covered in dense vegetation. In the background, there are more land areas, some of which appear to be agricultural fields or marshes. The sky is clear and blue.

# Introduction

# The Delta Stewardship Council

- The Council was formed by the **Delta Reform Act** in 2009
- Created to achieve the state mandated **coequal goals for the Delta**: a more reliable water supply and a healthy and protected ecosystem (CA Water Code §85054)
- **Delta Science Program** provides best possible scientific information to inform decisions in the Delta

# The Delta Plan

- The **Delta Plan** was adopted by the Council in 2013
  - 14 regulatory policies and 73 recommendations in key areas
- The Delta Plan includes strategies to:
  - Increase statewide water supply reliability
  - Restore and enhance the Delta ecosystem
  - Protect and enhance the Delta's unique character
  - Improve water quality
  - Reduce risk to people and property in the Delta
- Also includes Performance Measures to track progress

# Delta Plan Amendments

- Periodic reviews and updates may be made in response to changing circumstances and conditions
- Previous amendments:
  - Performance Measures (February 2016)
  - Single Year Water Transfers (September 2016)
- Ongoing amendments:
  - Performance Measures
  - Conveyance, Storage and Operations (Delta CSO)
  - Delta Levee Investment and Risk Reduction Strategy

# What 2013 Delta Plan says about Performance Measures:

- 2013 Delta Plan included full set of administrative measures and initial output and outcome measures.
- Development of Performance Measures in complex and large-scale systems like the Delta are commonly multiyear endeavors.
- Council committed to focus on output and outcome measures through a multiyear effort.



# Available Tools

## Welcome to the Delta Plan Administrative Performance Measures Dashboard

Administrative performance measures track decisions made by policy makers and managers to finalize plans or approve resources (funds, personnel, projects) for implementation of a program or group of related programs recommended by the Delta Plan. The Delta Plan's administrative performance measures have been sorted by the agency or agencies identified as primarily responsible for completing the recommended action. Place the cursor over an agency icon below to view a snapshot of progress for that agency. For agencies responsible for more than ten actions, the ten most recently updated actions will be displayed in the snapshot. Clicking an agency icon will lead to a full list of measures related to that agency. Clicking "View All" will lead to a detailed list of measures for all agencies. Click "About" for a more detailed explanation of the dashboard and performance measures.

If you have any questions, comments, or input on this dashboard or the statuses of the performance measures, please contact us using the orange Contact button.

[Home](#)

[View All](#)

[About](#)

[Contact](#)

### STATE



ARB



BCDC



CALTRANS



CEC



CPUC



CSP



CVFPB



CWC



DFW



DPC

DELTA  
STEWARDSHIP  
COUNCIL



Council



DWR



[admin-measures-dashboard.deltacouncil.ca.gov](http://admin-measures-dashboard.deltacouncil.ca.gov)

# What we did:

- Council began that multiyear effort to refine the initial output and outcome Performance Measures.
  - 3-year refinement process based on best available science & informed by stakeholders
  - The Delta Independent Science Board reviewed the process
- The Council adopted 37 output and outcome Performance Measures in February 2016 as an amendment to the Delta Plan

# What we're doing now:

- Further refining output and outcome Performance Measures in light of:
  - Public input received during updates of DLIS and development CSO amendments
  - Good ideas that emerged from the trial court ruling
- Seeking feedback from external experts as recommended by the Delta Independent Science Board



# Delta Plan Performance Measures Amendments

Questions and comments can be submitted during the webcast at:  
**[mb.boardhost.com/DeltaPM](https://mb.boardhost.com/DeltaPM)**

The background of the slide is a photograph of a river. In the foreground, there are several smooth, light-colored river stones. In the middle ground, a fish is captured mid-jump, its body arched and fins spread. The water is slightly rippled. The overall scene is bright and natural.

# Chapter 4: Protect, Restore and Enhance the Delta Ecosystem

# Chapter 4

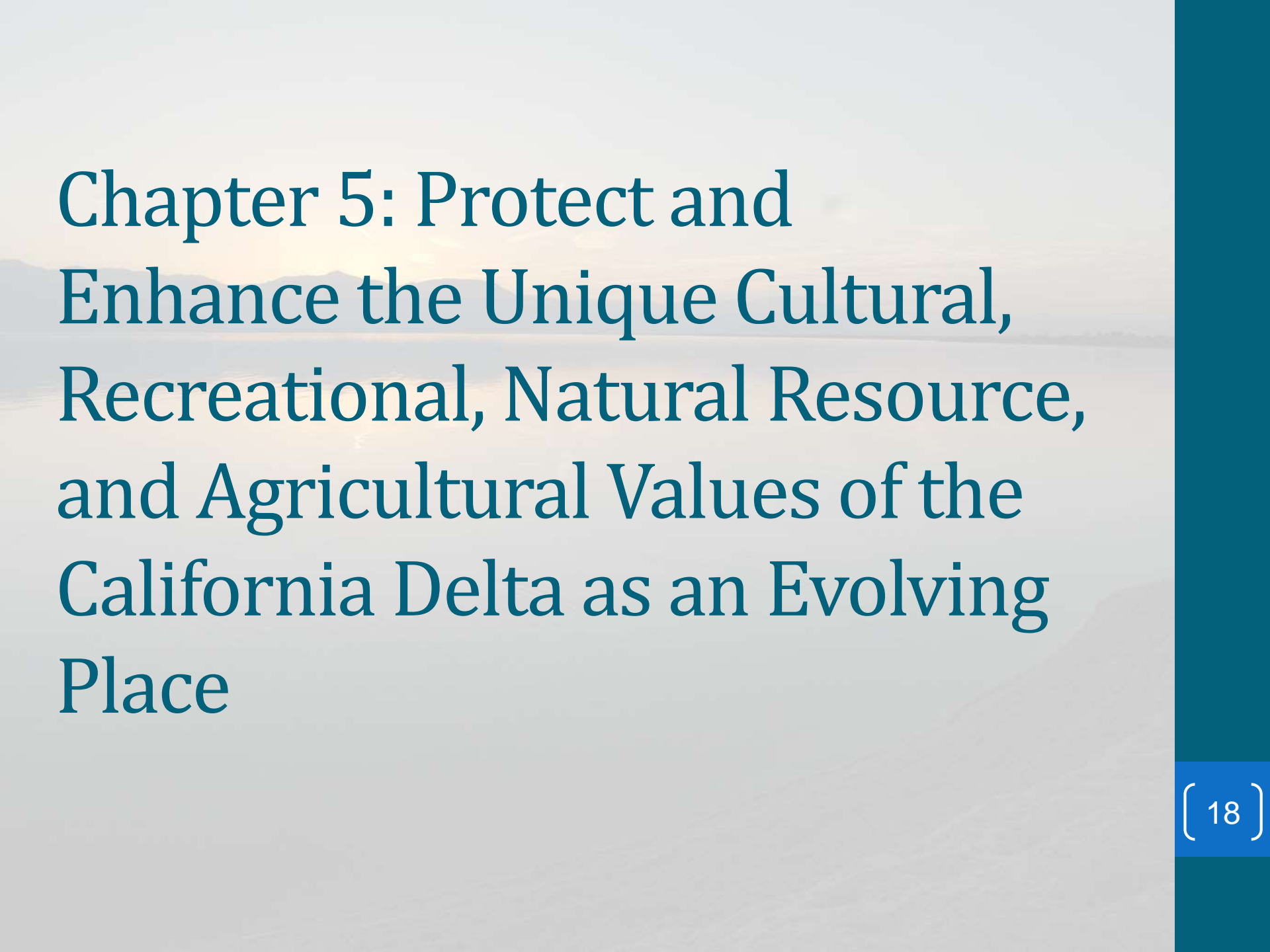
- 4.2: Restoring a healthy ecosystem using a more natural functional flows
  - Add a 4th metric, baseline, and target for the ratio of Delta outflow to inflow.
- 4.4: Higher acreages of floodplain, tidal, shaded riverine, upland and riparian forest habitats.
  - Add targets for increased acres of aquatic, riparian, and upland habitat.

# Chapter 4

- 4.8: Achieve increased habitat connectivity and functionality and more favorable distribution of habitat types.
  - Changes to language around targets. All targets will be measured every 10 years.
- 4.10: Prevention and management of key nonnative invasive species in the Delta
  - The vegetative aquatic invasive species PM from Chapter 6 of the Delta Plan is now combined with Chapter 4's terrestrial and aquatic invasive species PM.



# Open Discussion



# Chapter 5: Protect and Enhance the Unique Cultural, Recreational, Natural Resource, and Agricultural Values of the California Delta as an Evolving Place

# Chapter 5

- 5.5: Preparation and implementation plans for vitality of each Delta legacy community
  - Clarified language around metrics; change target to number of plans implemented or adopted
- 5.8: Delta recreation and tourism trends
  - Clarified targets

# Open Discussion

An aerial photograph showing a winding river or canal through a landscape of agricultural fields. The fields are divided into various shapes and sizes, some with different shades of green and brown, indicating different crops or stages of growth. The river is a prominent feature, curving through the center of the image. The overall scene is a mix of natural and human-made elements.

# Chapter 6: Improve Water Quality to Protect Human Health and the Environment

# Chapter 6

- 6.1: Water quality in Delta and Suisun Marsh meets water quality objectives
  - Change the metric, baseline, and target
- 6.2: Monitor salinity in the Delta
  - Clarify that metric is specific to the western Delta; Clarify target language

# Chapter 6

- 6.4: Protect groundwater beneficial uses
  - Removed language for the “Central Valley” and now focusing the geographic location on the “Delta” specifically.
  - Removed language from the metric and baseline regarding “population with access to clean drinking water”.
- 6.7: Meet TMDLs for critical pesticides in water and sediments of Delta by 2020
  - Changed the metric, baseline, and target language.

# Chapter 6

- 6.10: Spatial coverage of harmful algae blooms in the Delta
  - Clarify and add metrics, baseline and targets



# Open Discussion



BREAK  
(10 minutes)

An aerial photograph of a large-scale water infrastructure project. A wide, concrete-lined canal or aqueduct winds through a landscape of agricultural fields. In the background, a large dam or weir structure is visible, controlling the flow of water. The surrounding area includes various types of farmland, some with distinct row patterns, and distant hills under a clear sky.

# Chapter 3: A More Reliable Water Supply for California

# Chapter 3

- 3.1: Achieve CA's SB x7-7 conservation goal of a 10% reduction in statewide urban per capita water usage by 2015 and 20% reduction by 2020.
  - Update baseline based on 2015 Urban Water Management Plans (UWMPs).
  - 2015 goal tentatively achieved. Work towards 2020 goal.
- 3.2: Achieve State Board's Recycled Water Policy goal for increased storm water runoff
  - Establish baseline through new projects receiving state funding through Prop 1. Use estimates of annual water supply increases from projects.

# Chapter 3


- 3.6: Meet Water Conservation Act requirements for Agricultural Water Management Plans (AWMP)
  - Change PM language, metrics, baseline and target to focus on AWMPs
- 3.8: State and local agencies meet Sustainable Groundwater Management Act (SGMA) mandates
  - Change PM language, metrics, baseline and target to focus on SGMA implementation

# Chapter 3

- 3.4: Demonstrate a measurable reduction in reliance on the Delta at the regional level based on water supplier reports
  - New metrics and baselines
- 3.9: Decrease Delta exports during critically dry years and increase Delta exports during wet years
  - Change PM language, metrics, baseline and target to focus on exports out of Delta

# Open Discussion

# Chapter 7: Reduce Risks to People, Property and State Interests in the Delta





# Chapter7

- 7.2: No increase in loss of life, Expected Annual Fatalities (EAF) and Expected Annual Damages (EAD) as a result of flooding
  - Change PM language, metrics, baselines and targets to focus on EAF and EAD
- 7.3: Level of flood risk reduction provided by Delta levees
  - New metrics, baselines and targets focused on meeting urban flood protection standards and Delta Levee Investment and Risk Reduction Strategy recommendations
- 7.7: Increase in community credit points in National Flood Insurance Program (NFIP) Community Rating System
  - Change PM metrics, baseline and targets to focus on NFIP community credit points

# Open Discussion

# Next Steps

- Thursday, March 23: Council meeting on draft PM amendments @ Brentwood
- Friday, March 24: CEQA Scoping Meeting @ Sacramento

# Thank you for attending

